



School Board Work Session: The Fall 2018 Elementary School Boundary Process

(To take effect September 2019)

October 24, 2018



Information Resources



Fall 2018 ES Boundary Process webpage:

www.apsva.us/elementary-school-boundary-change

Community Members can find the following:

- Presentations & Livestream Recordings
- Schedule of Community Engagement Activities
- School Board Policy B-2.1
- Updated—All Boundary Proposals, including Maps & Data, Planning Unit Data
- Community Input



Agenda



- Overview of boundary proposal process
- Five boundary proposals developed towards the Superintendent's recommendations to the School Board
 - #1 "Getting Started" Proposal
 - #2 "What We Heard" Proposal (and two additional proposals that were considered and informed proposal #2):
 - #3 Columbia Heights to Drew
 - #4 Columbia Heights to Hoffman-Boston
 - **#5 Oct. 24 Work Session Proposal**
- Timeline and next steps



June 7, 2018 School Board Meeting





The Fall 2018 elementary school boundary process will:

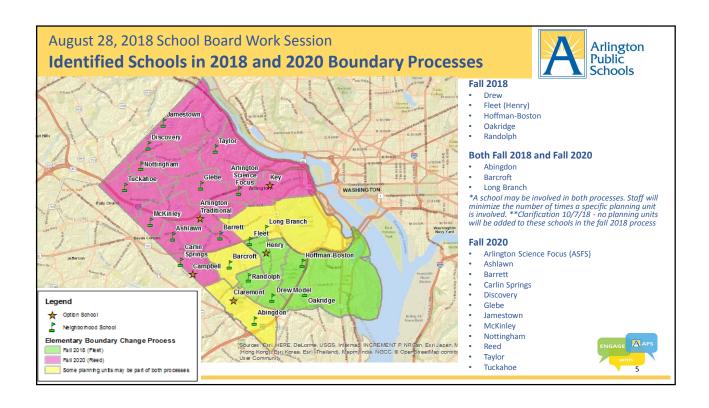
- Create new attendance zones for Fleet and Drew
- Balance enrollment across the elementary schools involved
- Apply to all students who will be in elementary school in 2019-20
 - * Includes current 2017-18 students now in Pre-K through Grade 3
- Help families prepare for the changes that will take effect in September 2019

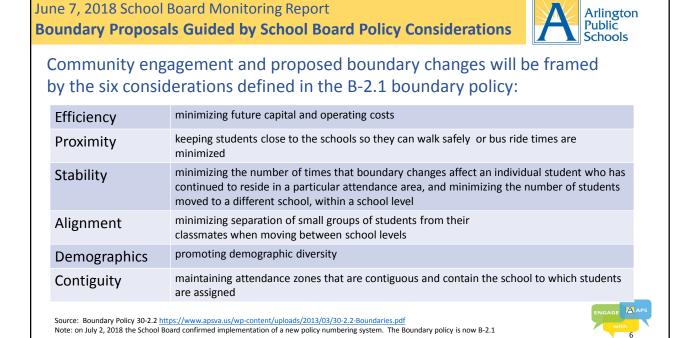


Note: APS will continue to need relocatables to manage enrollment across elementary schools

engage AAPS with 4

Source: Boundary Policy 30-2.2 https://www.apsva.us/wp-content/uploads/2013/03/30-2.2-Boundaries.pdf (Note, on July 2, 2018 the School Board confirmed implementation of a new policy numbering system. The Boundary policy is now B-2.1)





August 28, 2018 School Board Work Session
Interpretation of Policy Considerations - Efficiency



Minimizing future capital and operating costs

- Balance building utilization across schools
- Monitor transportation costs

Consideration	Planning Unit Data Sheet	Boundary Proposals
Efficiency	reported for each planning unit	number of planning units eligible for bus service and capacity utilization will be reported for all proposed boundary maps



August 28, 2018 School Board Work Session
Interpretation of Policy Considerations - Proximity



Encourage relationship between schools and the community by keeping students close to the schools they attend so that they can walk safely to school or, if eligible for bus service, so that bus ride times are minimized.

- Identify if planning unit is in the walk zone, including expansion areas as defined in Spring 2018 Walk Zone Review process
- Areas confirmed for walk zone expansion do not require significant infrastructure improvements at this time

Consideration	Planning Unit Data Sheet	Boundary Proposals
Proximity	reported for each planning unit	number of walkable planning units will be reported for all proposed boundary maps



August 28, 2018 School Board Work Session

Interpretation of Policy Considerations - Stability



Minimizing the number of times that boundary changes affect an individual student who has continued to reside in a particular attendance area, and minimizing the number of students moved to a different school, within a school level

None of the students who will be part of this boundary change have been impacted by another elementary boundary change

Consideration	Planning Unit Data Sheet	Boundary Proposals
Stability	is set the same across all planning units	will not be reported for proposed boundary maps

Note: The recent revisions to the Options/Transfers policy does not impact the Stability Consideration in boundary decisions



August 28, 2018 School Board Work Session Interpretation of Policy Considerations - Alignment



Minimizing separation of small groups of students from their classmates when moving between school levels

Alignment is keeping groups of students together and maintaining school communities as they move through school levels

- Focusing on elementary to middle school
- Goal is that small groups of students are not separated from classmates as they move

Consideration	Planning Unit Data Sheet	Boundary Proposals
Alignment	is set the same across all planning units	will assess planning units with small groups of students having different alignment patterns, and be reported for proposed boundary maps

August 28, 2018 School Board Work Session

Interpretation of Policy Considerations - Demographics



Promoting demographic diversity

Diversity interpreted for this purpose as the proportion of students receiving Free or Reduced Cost Lunch (F&RL)

Consideration	Planning Unit Data Sheet	Boundary Proposals
Demographics	number of students receiving F&RL, as long as there are 10 or more students	F&RL will be reported in aggregate for all proposed boundary maps



August 28, 2018 School Board Work Session
Interpretation of Policy Considerations - Contiguity



Maintaining attendance zones that are contiguous and contain the school to which students are assigned

Consideration	Planning Unit Data Sheet	Boundary Proposals
Contiguity	is set the same across all planning units	will be assessed as planning units are combined and reported for proposed boundary maps



Student Enrollment Data

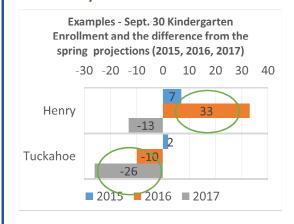
Defined the Scope of the Fall 2018 Process



Kindergarten projections are reliable at the district level

- Once a student is enrolled in APS, we can provide solid enrollment projections for future school years
- Kindergarten is different from other grades
 - Estimates are based on births to Arlington families five years earlier and the rate of Kindergarten enrollment from these births
 - We don't know which planning units students will come from until they register with APS
 - Registration for Kindergarten begins in January and continues through September
- The accuracy of kindergarten projections can vary widely by school, sometimes the projections are off by +/- 2 kindergarten classes
- · Adjustments made at schools that are:
 - Under-projected: add 1-2 teachers
 - Over-projected: reduce 1-2 teachers

Examples of variations in Kindergarten projections as compared to Sept. 30 enrollment data for Henry & Tuckahoe*



*Note: This information is for discussion purposes only. Tuckahoe is not part of the 2018 Fall boundary process.

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Student Enrollment Data

Defined the scope of the Fall 2018 Boundary Process



Accuracy of Projections:

- Increases when the most recent data possible is used
- Would be challenging for the new elementary school at Reed in 2021 if APS uses 2017 Kindergarten projections

Estimates for future enrollment
would be based on four years
worth of 2017 Kindergarten
estimates

Boundary Process	Includes new schools	Fall 2017 Kindergarten Projections used to develop Boundary Proposals			
		2018	2019 Open Fleet	2020	2021 Open Reed
2018	Fleet	K	1		
	Reed	K	1	2	3
2020	Reed			К	1



Student Enrollment Data

Defined the Scope of the Fall 2018 Process



- Lessons learned from last elementary school boundary process:
 - Boundary process for Discovery started in 2012, three years before the school opened
 - In 2014, a year before the school opened, the projections changed and another process was needed to adjust the boundaries a second time
- By limiting the number of schools included in the 2018 boundary process, there is added flexibility to provide better estimates in preparation for the opening of Reed in 2021



Community Input and the Boundary Proposals



Serving All Our Students

- Boundary proposals align with the policy considerations and reflect what serves all students
- We're listening to the concerns of families and individual school communities
- We cannot guarantee that any individual school community will stay together, and the boundary proposals explore how changes to one school affect other schools
- Change will be continual in our school communities due to ongoing enrollment growth
- APS is responsible for ensuring equity for all students across schools and programs







Elementary School Boundary Proposals



Elementary School Boundaries Approach



- Driven by the School Board policy considerations (Policy B-2.1), data, and input from the community and School Board
- Use data on resident¹ students at the planning-unit level, including demographics and enrollment estimates²
- Assume each elementary school will include 2-3 PreK classes by 2021-22
- Use the Expanded School Walk Zones developed in Spring 2018
 - Areas verified at this time for walk zone expansion are those that do not require significant infrastructure improvements
 - After boundaries are adopted, APS Transportation Dept. will reassess each school's walk zones



 $^{^{\}rm 1}$ Students that reside in the planning unit, regardless of where they currently attend school

² Estimates approach is posted in the FAQ's at www.apsva.us/elementary-school-boundary-change

Elementary School Boundaries Approach

Estimating the proportion of students who attend option schools



- For returning students in grades K-5, APS uses the count of resident students on Sept. 30, 2017 (enrolled under old transfer policy):
 - who are option students, according to where they live (9/30/17)
 - who attend a neighborhood school, in planning units (9/30/17)
- For new students applying via new Options and Transfer Policy (2018-2021):
 - Each planning unit has a portion of kindergarten option school seats (as of Spring 2018) based on its 2017 resident student population
 - Example of projecting the number of Kindergarten students at option schools:
 - o 4.9% of all kindergarteners lived in Long Branch attendance zone in September 30, 2017
 - \circ 4.9% was applied to the 578 kindergarten option seats (for 2018-19), which yields about 28 students estimated to attend an option school
 - o 28 kindergarteners were subtracted proportionally from Long Branch's planning units
 - The remaining resident kindergarten students are assumed to attend Long Branch, their neighborhood school



Elementary School Boundaries Approach

Estimating the proportion of students who attend option schools



Planners reviewed proximity to the option schools and the impact on enrollment at nearby neighborhood schools

- Sept. 2018 Kindergarten class is the first to enroll under new policy, providing one year's worth of data
- Existing pattern of option school enrollment appears to continue
- Consultant demographer recommended using the average across district until three years of enrollment data is available



¹ Students that reside in the planning unit, regardless of where they currently attend school

² Estimates approach is posted in the FAQ's at www.apsva.us/elementary-school-boundary-change

 $^{^{\}rm 1}$ Students that reside in the planning unit, regardless of where they currently attend school

 $^{^2 \ {\}sf Estimates} \ {\sf approach} \ {\sf is} \ {\sf posted} \ {\sf in} \ {\sf the} \ {\sf FAQ's} \ {\sf at} \ {\it www.apsva.us/elementary-school-boundary-change}$

Developing Boundary Proposals

Elementary School Boundaries for 2019-20 School Year

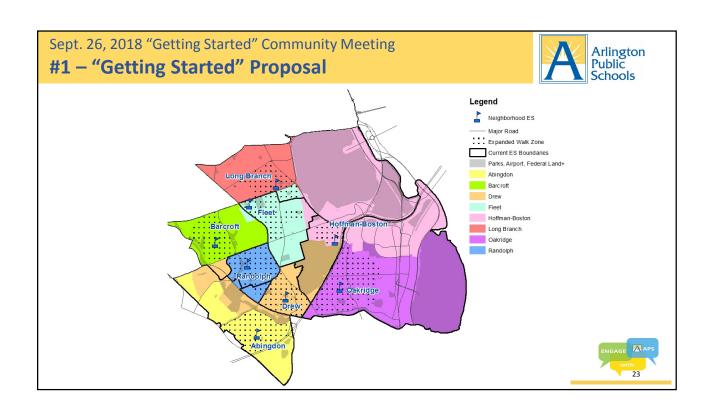


Proposal	Milestone
#1 – "Getting Started" Boundary Proposal	Sept. 26 – Community Meeting
#2 – "What We Heard" Boundary Proposal	Oct. 17 – Community Meeting
Maps that informed the "What We Heard" Proposal #3 – Moving Columbia Heights to Drew #4 – Moving Columbia Heights to Hoffman-Boston #5 – Oct. 24 Work Session Proposal	Oct. 24 – School Board Work Session
Superintendent's Proposed Elementary School Boundaries for Sept. 2019 (some combination of the previous proposals)	Nov. 5 – Publish at www.apsva.us/engage Nov. 8 – Present to School Board for Information
	Nov. 27 - School Board Public Hearing
Final – School Board Adopts Elementary School Boundaries to take effect in Sept. 2019	Dec. 6 – School Board Action
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#1 – "Getting Started" Boundary Proposal





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School Demographics (average 2017-18 F&RL rate for attending students for 8 schools involved: 47%)			
	Current Boundary % F&RL (Actual 2017 resident students receiving F&RL / Actual 2017 resident students)	Proposed Boundary % F&RL (Actual 2017 resident students receiving F&RL / Actual 2017 resident students)	<50% Eligible for Free & Reduced Lunch
Abingdon	41%	34%	Yes
Barcroft	51%	48%	Yes
Orew without Montessori	66%	60%	No
leet/Henry	28%	30%	Yes
Hoffman-Boston	52%	39%	Yes
ong Branch	35%	33%	Yes
Oakridge	24%	26%	Yes
Randolph	67%	67%	No

October 10, 2018 School Board Work Session Arlington **Evaluating the "Getting Started" Proposal** Public Schools Alignment School **Proximity** Contiguity Stability **Efficiency** The proposal 2021-22 capacity utilization No. of neighborhood M.S. to which the includes all of the within +/-5 percentage pts. **Expanded Walk** of 100% school feeds Abingdon No, 109%* 3 Yes N/A *Part of 2020 boundary process Barcroft Yes No, 135%* 2 Yes N/A *Part of 2020 boundary process Drew without Yes, 96% N/A Yes Yes Montessori No, 92% N/A Fleet/Henry Yes Hoffman-Boston Yes Yes, 97% Yes N/A Long Branch Yes Yes, 98% N/A Oakridge Yes Yes, 104% Yes N/A Randolph Yes No. 106% Yes N/A Source: School Level Data Table for Existing and Proposed Boundaries.

October 10, 2018 School Board Work Session

Highlighted areas indicate that this proposal has not met the policy consideration specified

Community Input on the "Getting Started" Proposal



- Planning Unit-level data reviewed by Facilities Advisory Committee and posted online
- Community input resulted in an update to the Planning Unit-level data. Updates include:
 - County development data did not account for a new building (The Berkeley)
 - Three future development buildings were allocated to an adjoining Planning Unit (example: The Trove, a Wellington Apt.)
 - Projections of future kindergarten students rebalanced across Planning Units
- Updated data table posted at: www.apsva.us/elementary-school-boundary-change



October 10, 2018 School Board Work Session

Community Input on the "Getting Started" Proposal



Included Grandfathering Proposal:

- Rising 5th-grade students and concurrent siblings could stay for one additional year only, with transportation provided for only that year
- Once the 5th-grade students have moved to middle school, siblings will attend their newly-assigned neighborhood school

Proposal Responses:

- 78% agree
- 22% disagree
- Ongoing feedback collected via engage@apsva.us



October 10, 2018 School Board Work Session

Community Input on the "Getting Started" Proposal



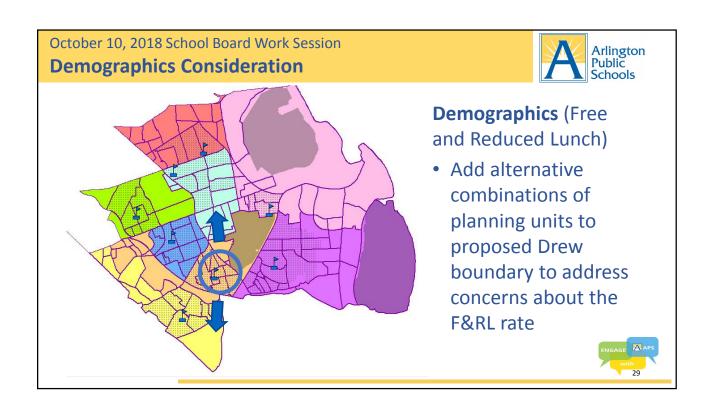
Key Themes Raised in Relation to the Policy Considerations:

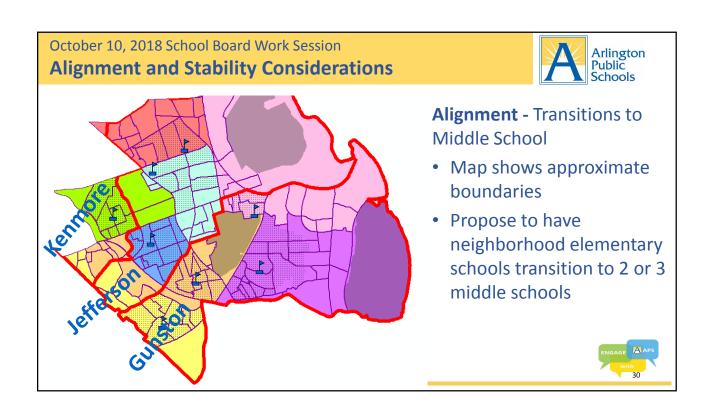
- Demographics Free and Reduced Lunch rates
- Alignment Number of transitions to Middle School
- **Proximity and Efficiency** Walkability and transportation efficiency
- **Contiguity** Interpretation when involving parks, highways

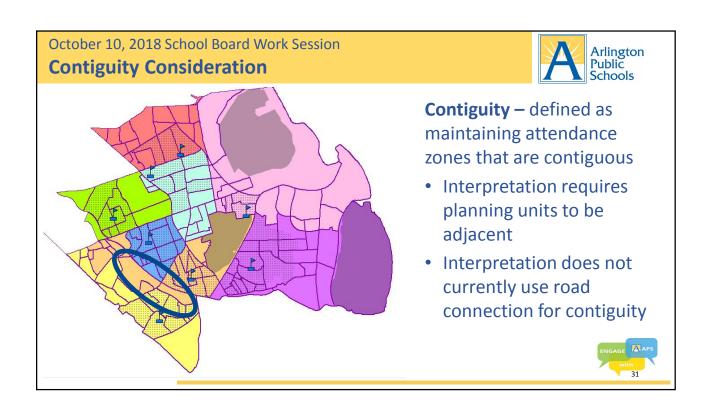
Issues to Explore from School Board October 10 Work Session:

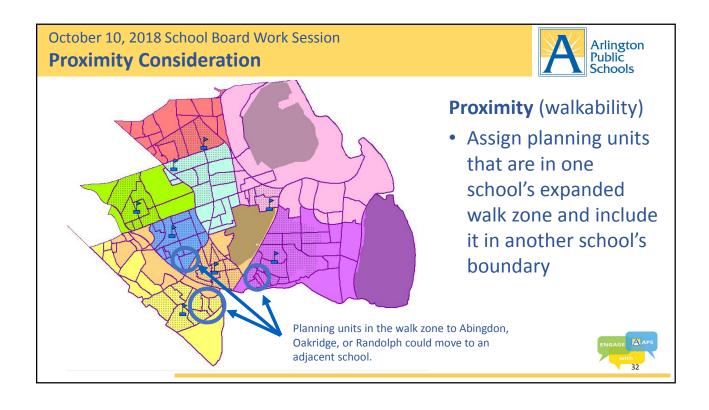
- Bring Free & Reduced Lunch rates closer to the average rate of the eight schools
- Maintain flexibility in the Fall 2018 elementary school boundary process:
 - Interpretation of contiguity policy consideration to include roads and highways
 - Do not move planning units that could be part of the 2020 boundary process







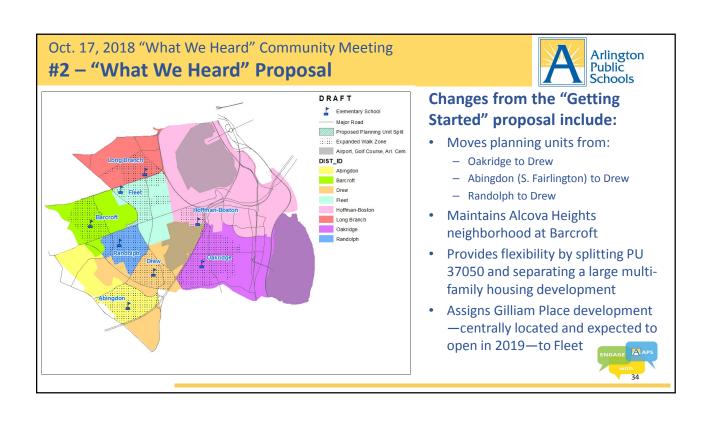






#2 – "What We Heard" Boundary Proposal





October 17, 2018 "What We Heard" Community Meeting

Evaluating the "What We Heard" Proposal



School	Demographics (average 2017-18 F&RL rate for attending students for 8 schools involved: 47%)				
	Current Boundary % F&RL (Actual 2017 resident students receiving F&RL / Actual 2017 resident students)	Proposed Boundary % F&RL (Actual 2017 resident students receiving F&RL / Actual 2017 resident students)	<50% Eligible for Free & Reduced Lunch		
Abingdon	41%	44%	Yes		
Barcroft	51%	51%	No		
Drew without Montessori	66%	47%	Yes		
Fleet/Henry	28%	30%	Yes		
Hoffman-Boston	52%	39%	Yes		
Long Branch	35%	32%	Yes		
Oakridge	24%	22%	Yes		
Randolph	67%	64%	No		

Source: School Level Data Table for Existing and Proposed Boundaries as of Oct. 10, 2018. Highlighted areas indicate that this proposal has not met the policy consideration specified.

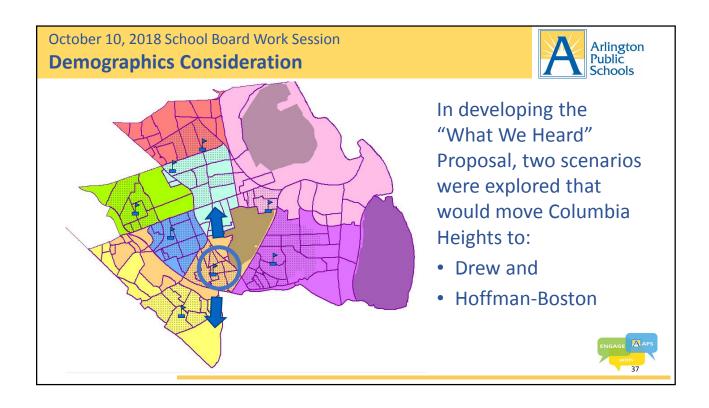
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October 17, 2018 "What We Heard" Community Meeting **Evaluating the "What We Heard" Proposal**



School	Proximity The proposal includes all of the Expanded Walk Zone	Efficiency 2021-22 capacity utilization within +/-5 percentage pts. of 100%	Alignment No. of neighborhood M.S. to which the school feeds	Contiguity	Stability
Abingdon	Yes	No, 106%* *Part of 2020 boundary process	3	Yes	N/A
Barcroft	Yes	No, 143%* *Part of 2020 boundary process	2	Yes	N/A
Drew without Montessori	Yes	No, 92%	2	Yes	N/A
Fleet/Henry	Yes	Yes, 101%	1	Yes	N/A
Hoffman-Boston	Yes	Yes, 97%	2	Yes	N/A
Long Branch	Yes	Yes, 98%	1	Yes	N/A
Oakridge	Yes	Yes, 102%	1	Yes	N/A
Randolph	Yes	Yes, 98%	1	Yes	N/A

Source: School Level Data Table for Existing and Proposed Boundaries. Highlighted areas indicate that this proposal has not met the policy consideration specified





#3 – Moving Columbia Heights to Drew

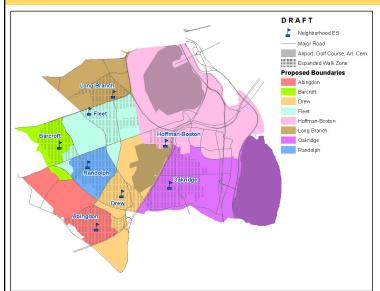
One of Two Additional Proposals that were Considered and Informed Proposal #2 ("What We Heard" Proposal)



Analysis that Informed the "What We Heard" Proposal

#3 – Moving Columbia Heights to Drew





In this proposal, Drew boundaries include:

- Columbia Heights
- 2 PreK classrooms
- Shirlington (walkable to Abingdon)
- Fairlington (needed in order for Drew to get closer to 100% capacity utilization)

Henry boundaries move west, adding:

- Single-family homes in Alcova Heights
- Area around Randolph to pick up F&RL

Barcroft

 Planning units available to move into Barcroft during the 2020 boundary process will have high proportion of students eligible for F&RL



Analysis that Informed the "What We Heard" Proposal

#3 - Moving Columbia Heights to Drew



School	Demographics (average 2017-18 F&RL rate for attending students for 8 schools involved: 47%)					
	Current Boundary % F&RL (Actual 2017 resident students receiving F&RL / Actual 2017 resident students)	Proposed Boundary % F&RL (Actual 2017 resident students receiving F&RL / Actual 2017 resident students)	<50% Eligible for Free & Reduced Lunch			
Abingdon	41%	45%	Υ			
Barcroft	51%	54%	N			
Drew without Montessori	66%	43%	Y			
Fleet/Henry	28%	33%	Υ			
Hoffman-Boston	52%	39%	Υ			
Long Branch	35%	33%	Υ			
Oakridge	24%	26%	Υ			
Randolph	67%	67%	N			

Highlighted areas indicate that this proposal has not met the policy consideration specified.

Analysis that Informed the "What We Heard" Proposal

#3 – Moving Columbia Heights to Drew



School	Proximity The proposal includes all of the Expanded Walk Zone	Efficiency 2021-22 capacity utilization within +/-5 percentage pts. of 100%	Alignment No. of neighborhood M.S. to which the school feeds	Contiguity	Stability
Abingdon	N	Yes, 101%	3	Y	NA
Barcroft	N	No, 109%* *part of 2020 boundary process	1	Υ	NA
Drew without Montessori	Y	No, 106%	2	Υ	NA
Fleet/Henry	Υ	No, 107%	2	Υ	NA
Hoffman-Boston	Υ	Yes, 97%	2	Υ	NA
Long Branch	Υ	Yes, 98%	1	Υ	NA
Oakridge	Υ	Yes, 104%	1	Υ	NA
Randolph	Υ	No, 106%	1	Υ	NA

Highlighted areas indicate that this proposal has not met the policy consideration specified

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#4 – Moving Columbia Heights to Hoffman-Boston

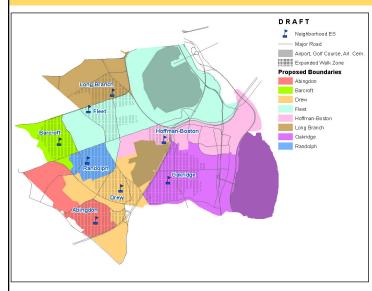
One of Two Additional Proposals that were Considered and Informed Proposal #2 ("What We Heard" Proposal)



Analysis that Informed the "What We Heard" Proposal

#4 – Moving Columbia Heights to Hoffman-Boston





In this proposal, Drew boundaries include:

- 2 PreK classrooms
- Shirlington (walkable to Abingdon)
- Fairlington (needed in order for Drew to get closer to 100% capacity utilization)

Hoffman-Boston's boundaries include:

• Columbia Heights

Fleet boundaries include:

- Single-family homes in Alcova Heights
- Planning units east of Courthouse Rd.
- Ft. Myer

Barcroft

 Planning units available to move during the 2020 boundary process will have high proportion of students eligible for F&RL

Analysis that Informed the "What We Heard" Proposal #4 – Moving Columbia Heights to Hoffman-Boston



School	Demographics (average 2017-18 F&RL rate for attending students for 8 schools involved: 47%)				
	Current Boundary % F&RL (Actual 2017 resident students receiving F&RL / Actual 2017 resident students)	Proposed Boundary % F&RL (Actual 2017 resident students receiving F&RL / Actual 2017 resident students)	<50% Eligible for Free & Reduced Lunch		
Abingdon	41%	46%	Υ		
Barcroft	51%	58%	N		
Drew without Montessori	66%	47%	Υ		
Fleet/Henry	28%	29%	Υ		
Hoffman-Boston	52%	38%	Υ		
Long Branch	35%	33%	Υ		
Oakridge	24%	25%	Υ		
Randolph	67%	67%	N		

Highlighted areas indicate that this proposal has not met the policy consideration specified.

24 - Moving Columbia Heights to Hoffman-Boston Public Schools					
School	Proximity The proposal includes all of the Expanded Walk Zone	Efficiency 2021-22 capacity utilization within +/-5 percentage pts. of 100%	Alignment No. of neighborhood M.S. to which the school feeds	Contiguity	Stability
Abingdon	N	No, 106%* Part of 2020 boundary process	3	Y	NA
Barcroft	Y	No, 114%* *part of 2020 boundary process	1	Υ	NA
Drew without Montessori	Υ	No, 106%	2	Υ	NA
Fleet/Henry	Υ	Yes, 102%	1	Υ	NA
Hoffman-Boston	Υ	Yes, 105%	2	Υ	NA
Long Branch	Υ	Yes, 98%	1	Υ	NA
Oakridge	Υ	Yes, 102%	1	Υ	NA
Randolph	N	Yes, 96%	1	Υ	NA



#5 – Oct. 24 Work Session Proposal



Context for the Oct. 24 Work Session Proposal

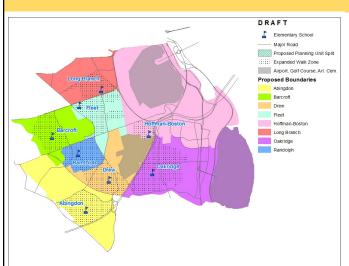


- · Dept. of Teaching & Learning
 - County-wide special education PreK programs will be located at Fleet
 - Fleet's permanent seat capacity was updated to accommodate 52 PreK seats (permanent seats changed from 752 to 700)
 - At least 3 PreK classrooms will be in the schools involved
 - Drew's permanent seat capacity was updated to accommodate 90 PreK seats, or five PreK classrooms (permanent seats changed from 674 to 584)
 - At all other schools involved, a third PreK class was added to the initial two PreK classes, resulting in an additional reduction of 18 permanent seats at each school involved
 - Flexibility maintained in case enrollment exceeds projections
- Dept. of Facilities & Operations
 - Transportation routes
 - Opportunities for improved efficiency



#5 – Oct. 24 Work Session Proposal





- Oakridge same as in proposal #1
- Hoffman-Boston same as in proposals #1 and #2
- Henry/Fleet and Barcroft begins from proposal #2
 - PU 37041 & 37042 (across from Fleet on Glebe Road) – remain at Fleet in all proposals
 - PU 37050 split to create 37051 (which includes Gilliam Place on Columbia Pike) moved from Barcroft to Fleet
 - PU 46130, 46131, 46132, 46133 moved from Fleet to Drew
- Drew and Randolph lower enrollment rates allow for transfers/options and PreK classes
- Leave Abingdon as is for 2018, revisiting in 2020



October 24 School Board Work Session

Evaluating Proposal #5



School	Demographics (average 2017-18 F&RL rate for attending students for 8 schools involved: 47%)				
	Current Boundary % F&RL (Actual 2017 resident students receiving F&RL / Actual 2017 resident students)	Proposed Boundary % F&RL (Actual 2017 resident students receiving F&RL / Actual 2017 resident students)	<50% Eligible for Free & Reduced Lunch		
Abingdon	41%	39%	Υ		
Barcroft	51%	51%	N		
Drew without Montessori	66%	57%	N		
Fleet/Henry	28%	30%	Υ		
Hoffman-Boston	52%	39%	Υ		
Long Branch	35%	33%	Υ		
Oakridge	24%	26%	Υ		
Randolph	67%	67%	N		

Highlighted areas indicate that this proposal has not met the policy consideration specified.

valuating i	Proposal #5				Public Schools
School	Proximity The proposal includes all of the Expanded Walk Zone	Efficiency 2021-22 capacity utilization within +/-5 percentage pts. of 100%	Alignment No. of neighborhood M.S. to which the school feeds	Contiguity	Stability
Abingdon	Y	No, 131%* *part of 2020 boundary process	3	Y	NA
Barcroft	Y	No, 143%* *part of 2020 boundary process	2	Υ	NA
Drew w/out Montessori	Y	No, 74%	2	Υ	NA
Fleet/Henry	Υ	No, 91%	1	Υ	NA
Hoffman-Boston	Υ	Yes, 97%	2	Υ	NA
Long Branch	Υ	Yes, 98%	1	Υ	NA
Oakridge	Y	Yes, 104%	1	Υ	NA
Randolph	N	Yes, 96%	1	Υ	NA



Timeline and Next Steps



Timeline and Next Steps



Status	Date	Milestone/Meeting
✓	June 7	SB – Monitoring Report
✓	August 28	SB – Work Session
✓	September 26	"Getting Started" Community Meeting
✓	Sept. 26 – Oct. 10	Online Input on boundary scenarios that balance the policy considerations
✓	October 3	Open Office Hours
✓	October 17	"What We Heard" Community Meeting
✓	October 24	SB – Work Session
	October 29	Deadline for community input on proposed boundaries
	November 5	Superintendent's boundary proposal published online
	November 8	SB – Information Item on Elementary Boundaries
	November 27	SB – Public Hearing
	December 6	SB – Adoption of Elementary Boundaries
	January 28, 2019	Kindergarten Information Night

Note: SB = School Board

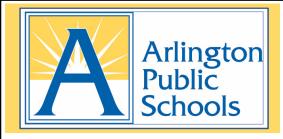


Continuing to Gather Community Input



Comments and questions about the various elementary school boundary proposals should be directed to engage@apsva.us

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School Board Work Session: The Fall 2018 Elementary School Boundary Process

(To take effect September 2019)

ENGAGE APS

October 24, 2018